GE
Lighting Solutions

GEH-3942C
INSTRUCTIONS

Versaflood® II Signliter

READ THOROUGHLY BEFORE INSTALLING

⚠ WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

GENERAL
This luminaire is designed for use in outdoor applications and should not be installed in areas of limited ventilation or in high ambient temperature enclosures. This fixture should be installed and maintained according to the following recommendations.

UNPACKING
This luminaire has been packed so that no parts should have been damaged during transit. Inspect to confirm.

INSTALLATION

⚠ CAUTION

Unit will fall if not installed properly
- Follow installation instructions

CAUTION: For aimed-up application, remove two screws from rear bottom corners of back housing, and re-install them in front housing rear bottom corners.

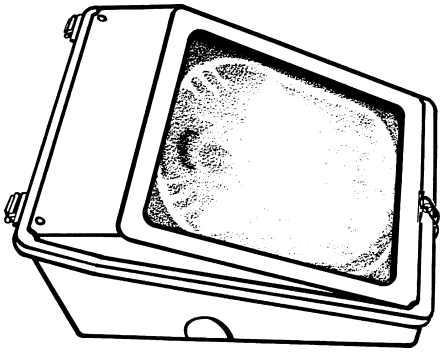
Luminaires Installed Without Conduit (Standard mounting)

Type SO (AWG 14-3) cable (normally supplied by user) is recommended for electrical connections to this luminaire.

1. Unlatch, open door and remove door assembly. Remove reflector and shield.

2. Remove (4) knockouts in housing back. Using these holes install housing to mounting surface with (4) 5/16 inch bolts, nuts and lock washers(*). Seal around these bolts with appropriate sealing compound(*).
*(Supplied by user.)

3. If the luminaire is prewired with power supply cable, proceed to instruction 3a or 3b, otherwise remove the wiring shield to expose the terminal board (see Figure 4).



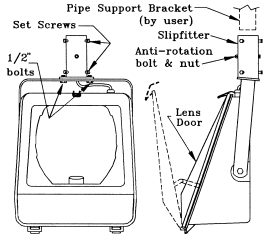


Figure 1

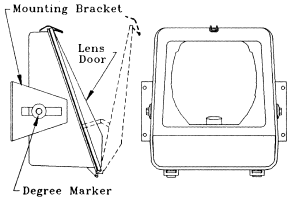


Figure 2

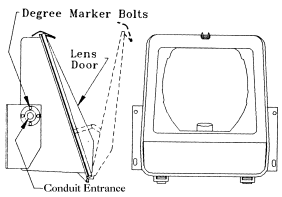


Figure 3

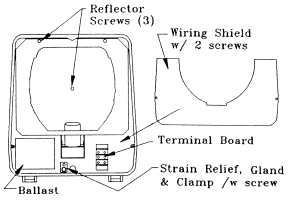


Figure 4

Loosen the cable strain relief clamp and insert the supply cable through the gland from the back 7 to 9 inches. Connect cable leads to the terminal board, retract cable to a good wire dress and tighten the strain relief clamp. Refer to the WIRING section of this instruction. Replace the wiring shield and reflector and install lamp. Close and latch the lens door.

3a. Pipe Mounted (See Figure 1)

Mount the trunnion slipfitter on the support pipe bracket and tighten all six set screws. Mount the luminaire and trunnion to the slipfitter using the 1/2-inch bolts and nuts provided. Level the

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

luminaire. Drill a 5/16-inch diameter hole through the pipe bracket using the through hole in the slipfitter as a guide. Install the anti-rotation bolt and nut with the head of the bolt on the top side of the slipfitter. The power supply cable may now be fed through the slipfitter and pipe bracket.

3b Bracket Mounted Luminaires. (See Figure 2) Mount the luminaire on the support structure with 5/16-inch minimum bolts, nuts and lockwashers that are supplied by the user. Position, aim and tighten bolts at the degree markers.

3/4 INCH CONDUIT MOUNTED LUMINAIRES

(See Figure 3)

1. Mount the luminaire on the support structure with 5/16-inch minimum bolts, nuts and lockwashers that are supplied by the user.
2. Unlatch and open the lens door. Remove the reflector that is held by three screws. Remove the wiring shield that is held by two screws.
3. Install conduit and supply wiring. Dress the wires to the terminal board so they will not touch the reflector when reinstalled. Refer to the **WIRING** section of this instruction. Replace the wiringshield. Replace the reflector. Install the lamp. Close and latch the lens door.

WIRING

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

Verify that supply voltage is correct by comparing it to nameplate.

Do not remove insulated connectors from wires not needed for required voltage connection.

When changing voltage on reconnectable units, move only the lead with the insulated connector.

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT: (120/208/240/277 volts)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

FINAL ASSEMBLY

Photoelectric Control:

The photoelectric control receptacle (if present) should be oriented before the control is installed. Loosen the two screws and rotate the receptacle to the desired direction. Retighten the screws and install control.

MAINTENANCE

CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

WARNING

Risk of burn

- Do not touch operating luminaire

It will occasionally be necessary to clean the outside of the refractor to maintain the light level. Frequency of cleaning will depend on the ambient dirt level and the minimum light level which is acceptable to the user. The lens door should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should the optical assembly become dirty on the inside, wipe the reflector and clean the lens door in the above manner and replace any damaged gaskets.

LAMP INSTALLATION/REPLACEMENT

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

The light output of a luminaire is also dependent on the age of the lamp. In applications where the light level is critical it may be desirable to replace lamps before they reach end of life. The lamp manufacturer can provide data showing how the lamp light output decreases with use.

Lamp Tightness – Mogul Base Lamp: The lamp should be securely inserted to the NEMA-EEI specified torque of 35 inch-pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load the center contact of the socket.

Lamp Tightness – Medium Base Lamp: The lamp should be tightened to a light firmness sufficient to depress the center contact.

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